

<b>AMENDMENT TRANSMITTAL LETTER (Large Entity)</b> Applicant(s): Joseph Charles Liberti Jr.	Docket No. APP 1253
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Serial No. 09/813,491	Filing Date 03/21/2001	Examiner RYMAN, DANIEL J	Group Art Unit 2665
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Invention:

Combined Adaptive Spatio-Temporal Processing and Multi-User Detection for CDMA Wireless Systems

TO THE COMMISSIONER FOR PATENTS:**RECEIVED  
CENTRAL FAX CENTER****OCT 22 2004**

Transmitted herewith is an amendment in the above-identified application.

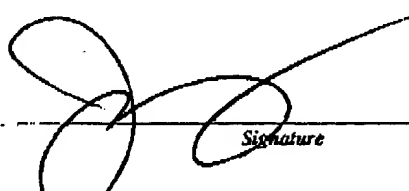
The fee has been calculated and is transmitted as shown below.

## CLAIMS AS AMENDED

	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	31 -	75 =	0 x	\$18.00	\$0.00
INDEP. CLAIMS	4 -	13 =	0 x	\$86.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00

- ☒ No additional fee is required for amendment.
- ☐ Please charge Deposit Account No. \_\_\_\_\_ in the amount of \_\_\_\_\_
- ☐ A check in the amount of \_\_\_\_\_ to cover the filing fee is enclosed.
- ☐ The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No.
- ☐ Any additional filing fees required under 37 C.F.R. 1.16.
- ☐ Any patent application processing fees under 37 CFR 1.17.

Dated: 10/22/2004

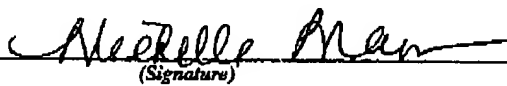
  
Signature  
**Joseph Giordano (Reg. No. 35158)**  
Telcordia Technologies, Inc.  
One Telcordia Drive 5G116  
Piscataway, NJ 08854-4157

I certify that this document and fee is being deposited on with the U.S. Postal Service as first class mail under 37C.F.R. 1.8 and is addressed to the for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature of Person Mailing Correspondence

Typed or Printed Name of Person Mailing Correspondence

cc:

<b>CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)</b>			Docket No. <b>APP 1253</b>
Applicant(s): <b>Joseph Charles Liberti Jr.</b>			
Serial No. <b>09/813,491</b>	Filing Date <b>03/21/2001</b>	Examiner <b>RYMAN, DANIEL J</b>	Group Art Unit <b>2665</b>
Invention: <b>Combined Adaptive Spatio-Temporal Processing and Multi-User Detection for CDMA Wireless Systems</b>			
<p>I hereby certify that this <u>Reply to Office Action of July 23, 2004</u> (Identify type of correspondence)</p> <p>is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. <u>703-872-9306</u>)</p> <p>on <u>10/22/2004</u> (Date)</p> <p><u>Michelle Masseur</u> (Typed or Printed Name of Person Signing Certificate)</p> <p><u></u> (Signature)</p> <p><b>Note: Each paper must have its own certificate of mailing.</b></p>			

Appl. No.: 09/813,491  
Amdt. Dated 10/22/2004  
Reply to Office Action of 07/23/2004

APP 1253

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**OCT 22 2004**

Appl. No. : 09/813,491  
Applicants : Joseph Charles Liberti JR.  
Filed : March 21, 2001  
Title : Combined Adaptive Spatio-Temporal Processing and  
Multi-User Detection for CDMA Wireless Systems  
TC/A.U. : 2665  
Examiner : Ryman, Daniel J  
Docket No. : APP 1253

**Mail Stop Non-Fee Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT**

Sir:

In response to the Office action of July 23, 2004, please amend the above-identified application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims, which begins on page 5 of this paper.

**Amendments to the Drawings** begin on page 11 of this paper and include attached replacement sheets.

**Remarks/Arguments** begin on page 12 of this paper.